# PC-CAM 880

User's Guide

## User's Guide

## Creative PC-CAM 880

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Introduction



## Introduction

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Applications included on your Installation CD may vary depending on camera model and region of purchase.

Creative PC-CAM 880 is a digital video camera that gives you everything you need to capture 24-bit still
images and video in 16.7 million colors. Not only that, it also allows you to communicate face-to-face
with others on the Internet!

Creative PC-CAM 880 comes with the following software:
☐ Creative PC-CAM Center
☐ Creative WebCam Monitor
☐ Microsoft <sup>®</sup> Internet Explorer
☐ ArcSoft PhotoImpression <sup>TM</sup>
☐ ArcSoft VideoImpression <sup>TM</sup>
☐ ArcSoft Multimedia Email
☐ ArcSoft Funhouse <sup>TM</sup>
☐ ArcSoft Greeting Card Creator
☐ Microsoft Netmeeting
For more information, see "Creative PC-CAM 880 Applications" on page 4-1

## Before You Begin

Package Contents	Your Creative PC-CAM 880 package contains the following items:
•	☐ Creative PC-CAM 880
	☐ Camera stand
	☐ Soft camera case
	☐ Camera strap
	☐ USB cable
	☐ Video cable
	☐ 2 AA size batteries
	☐ Creative PC-CAM 880 Installation CD
	☐ Quick Start booklet



README file	The README file on the CD-ROM contains information not available at the time of printing. Read the file before you begin installing Creative PC-CAM 880.
Minimum System Requirements	<ul> <li>233 MHz Pentium<sup>®</sup> II or higher IBM<sup>®</sup> compatible PC</li> <li>32 MB RAM</li> <li>250 MB free hard disk space</li> <li>Available USB port or USB hub with an external power supply</li> <li>Microsoft Windows<sup>®</sup> 98/98 SE, Windows Me, Windows 2000 or Windows XP</li> <li>AGP Display adapter that supports 16-bit color at a resolution of 800 x 600 pixels</li> <li>CD-ROM drive installed</li> <li>Sound Blaster<sup>®</sup> or other Windows-compatible audio card. Sound Blaster 16 or higher required for simultaneous two-way conversation with full-duplex support.</li> </ul>
	For Videoconferencing  ☐ Microphone ☐ Modem or LAN access to the Internet at 28.8Kb or faster
Technical Support and Warranty	For Technical Support information, go to <b>Start</b> -> <b>Programs</b> -> <b>Creative</b> -> <b>Technical Support</b> .  This information can also be found in the Installation CD. Go to <b>d:\Support\<language>\Support.pdf</language></b> .  For warranty information, go to <b>d:\Warranty\<region>\<language>\Warranty.pdf</language></region></b> (replace d:\ with the drive letter of your CD-ROM drive, <b><region></region></b> with the region you are in, and <b><language></language></b> with the language the document is in). Please keep your Proof of Purchase for the duration of the Warranty period



## **Product Registration**

Enjoy a host of benefits by registering your products during installation, or at www.creative.com/register. Benefits include:

- ☐ Service and Product Support from Creative
- ☐ Exclusive updates on promotions and events!

# Document Conventions



Tip. This tells you about short cuts or hints relating to a feature.



Note. This highlights additional or important information about a feature.



Caution! This highlights proper usage of your product. Use this information to avoid risky situations.



Warning! This warns you of possible hazards to yourself or your product, that may result in injury or damage.



**Installing Creative PC-CAM 880** 



## Installing Creative PC-CAM 880

This chapter tells you how to quickly install Creative PC-CAM 880 and the software that comes with it.

About Creative PC-CAM 880

Figure 1-1, Figure 1-2 and Figure 1-3 highlight the features of your camera.



Figure 1-1: Creative PC-CAM 880 front view



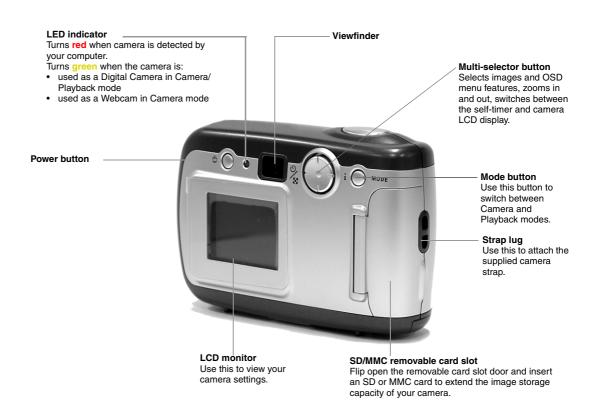


Figure 1-2: Creative PC-CAM 880 back view





Figure 1-3: Creative PC-CAM 880 bottom view



Attaching Camera Accessories

Attach your camera stand and strap as shown below.



Figure 1-4: Attaching the camera stand and strap



## Inserting an SD/MMC Memory Card (optional)



- Your camera turns itself off automatically when the SD/MMC removable card slot cover is opened.
- The SD/MMC card has a write-protect switch to prevent the accidental deletion of valuable data. This switch is disabled by default
- When the SD/MMC card is protected, images cannot be deleted or recorded. If an attempt is made to record or delete an image with the camera, the "SD Card Locked" message will appear in the LCD monitor.
- To write or erase data from the SD/MMC card, release the write-protect switch.

A Secure Digital (SD) card or Multimedia card (MMC) can be purchased to extend the image storage capacity of your camera.

To install your SD/MMC card:

- 1. Flip open the SD/MMC removable card slot.
- 2. Insert the SD/MMC card as shown.

  To remove the card, push the card to release it.
- 3. Close the SD/MMC removable card slot.

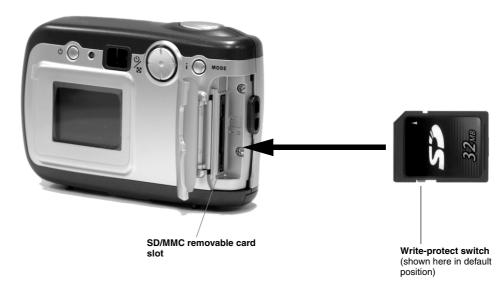


Figure 1-5: Inserting a memory card



## Turning on Your Camera



- Be sure to insert the batteries in the correct direction. If not, they may leak and damage your camera.
- Do not mix old and new batteries of different types together.



To conserve battery power, your camera turns itself off if not used within 3 minutes.

- 1. Push and slide open the battery compartment door.
- 2. Insert the batteries according to the + and symbols indicated on the inside of the battery compartment door (see Figure 1-6).
- 3. Close the battery compartment door.
- 4. Press and hold down the Power button to turn on your camera.

The LED lights up in green and the LCD monitor is activated.

For an overview of the icons displayed, see "Overview of the LCD Monitor Icons" on page 1-7.



Figure 1-6: Inserting batteries



## Overview of the LCD Monitor Icons



For more details on the icons found on your LCD Monitor, see Chapter 2, "Using Creative PC-CAM 880 as a Digital Camera".

Here is a brief introduction to the icons on your LCD Monitor.

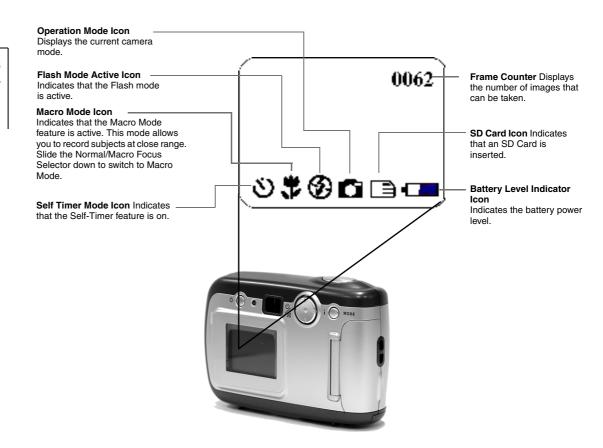


Figure 1-7: Overview of LCD monitor icons

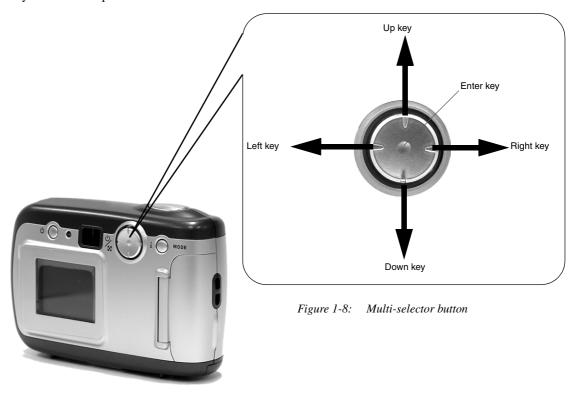


## Using the Multiselector button



For more details on using the Multi-selector button with your OSD menu, see Chapter 2, "Using Creative PC-CAM 880 as a Digital Camera".

The Multi-selector button is one of the most important features of your camera. Use the various directional keys to navigate through options on your Onscreen Display (OSD) menu, and press the Enter key to select an option.





# Installing Creative PC-CAM 880

Use the installation procedures for your operating system.

In Windows 98 / 98 SE / Me / 2000 / XP



- You can attach Creative PC-CAM 880 to a USB hub with an external power supply.
- If you have a microphone, connect it to your external microphone connector. Read your computer's documentation for more information

- Do not connect Creative PC-CAM 880 to your computer before installing the drivers.
   If you accidentally begin installation with Creative PC-CAM 880 connected, the Add New Hardware Wizard or Found New Hardware Wizard dialog box may appear. If you are using Windows 98 or Windows 98 SE, click the Cancel button.
- Insert the Creative PC-CAM 880 Installation CD into your CD-ROM drive. If it does not run
  automatically, click Start -> Run and type d:\ctrun\ctrun.exe (replace d:\ with the drive letter of
  your CD-ROM drive).
- 3. Click the options for installing drivers and applications.
- 4. Follow the instructions on the screen to complete the installation. You may be asked, after an application is installed, if you want to restart your computer. Do not restart your computer until all the drivers and applications are installed.
- If a Software Installation dialog box appears (Figure 1-9), click the Continue Anyway button. For more details on this warning message, see "Problems in Windows XP" on page B-3.
- 6. Connect one end of the USB cable to the camera's USB 1.1 jack.



Figure 1-9: Software Installation dialog box



- 7. Connect the other end of the USB cable to an available USB port on your computer (Figure 1-10).
- 8. After connecting your camera, Windows automatically detects the device. Do not proceed to the next step until your camera is detected by Windows.

Now follow the steps below for your operating system.

## For Windows 98/98 SE and Windows Me only

9. If you are prompted to insert the Windows 98/98 SE Installation

CD, replace the Creative PC-CAM 880 Installation CD with the appropriate CD. **Note:** Windows 98 is available in various editions. Be sure to use the correct edition for your system.

- 10. In the **Insert Disk** dialog box, click the **OK** button.
- 11. The **New Hardware Found** message box appears, telling you that Windows is installing software for a USB Mass Storage Device.
- 12. When a second **New Hardware Found** message box appears, telling you that Windows will be installing software for a Digital Camera Device, wait approximately 5 seconds and then press the Mode button on your camera. Your camera's LED indicator lights up in green. Software installation will be complete in a while.
- 13. If an **Unsafe Removal of Device** dialog box appears, click the **OK** button.
- 14. If your system opens PC-CAM Center, Kodak Imaging or a Scanners and Cameras dialog box, close the application or dialog box.
  If Windows starts copying captured images to your computer, click the Cancel button.
- 15. Click the **Finish** button and restart your computer if you are prompted to do so.



Figure 1-10: Connecting Creative PC-CAM 880 to your computer



### For Windows 2000 only

- 9. The **New Hardware Found** message box appears, telling you that Windows is installing software for a USB Mass Storage Device.
- 10. When a second New Hardware Found message box appears, telling you that Windows will be installing software for a Digital Camera Device, wait approximately 5 seconds and then press the Mode button on your camera. Your camera's LED indicator lights up in green. Software installation will be complete in a while.
- 11. If an **Unsafe Removal of Device** dialog box appears, click the **OK** button.
- When Digital Signature Not Found dialog boxes appear (Figure 1-11), telling you that Creative PC-CAM 880 has been detected, click the Yes button.
- 13. Click the **Finish** button and restart your computer if you are prompted to do so.

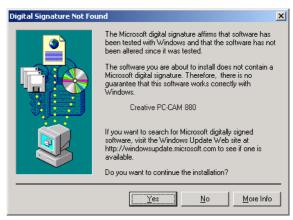


Figure 1-11: **Digital Signature Not Found**dialog box



### For Windows XP only

- 9. The **Found New Hardware** message box (Figure 1-12) appears on your Windows taskbar, telling you that Windows has detected your camera.
- 10. When a fifth message box appears, telling you that your new hardware is installed and ready to use, press the Mode button on your camera. Your camera's LED indicator lights up in green. Software installation will be complete in a while.



Figure 1-12: Found New Hardware message box

- If your computer opens PC-CAM Center, Kodak Imaging or a Scanners and Cameras dialog box, close the application or dialog box.
   If Windows starts copying captured images to your computer, click the Cancel button.
- 12. When the **Found New Hardware Wizard** dialog box appears, select **Install the software automatically (Recommended)**, and then click the **Next** button.
- 13. If a **Hardware Installation** dialog box (Figure 1-13) appears, click the **Continue Anyway** button. For more details on this warning message, see "Problems in Windows XP" on page B-3. Installation will be complete in a while.
- 14. Click the **Finish** button and restart your computer if you are prompted to do so.



Figure 1-13: Hardware Installation dialog box



# Verifying the installation in Windows 98/98 SE and Windows Me

- 1. Be sure that Creative PC-CAM 880 is in Camera Mode (LED light is green). If not, press your camera's Mode button.
- 2. Right-click the **My Computer** icon on your desktop.
- 3. On the menu that appears, click **Properties**.
- 4. In the **System Properties** dialog box, click the **Device Manager** tab.
- 5. Click the plus (+) sign next to the **Imaging Device** icon.

  The entries "Creative PC-CAM 880 (Camera)" and "Creative PC-CAM 880 (Video)" should appear.

# Verifying the installation in Windows 2000 & XP

- 1. Be sure that Creative PC-CAM 880 is in Camera Mode (LED light is green). If not, press your camera's Mode button.
- 2. Right-click on **My Computer**.
- 3. On the menu that appears, click **Properties**.
- 4. In the **System Properties** dialog box, click the **Hardware** tab.
- 5. Click the **Device Manager** button. A window appears.
- 6. Click the plus (+) sign next to the **Imaging devices** icon.

  The entries "Creative PC-CAM 880 (Camera)" and "Creative PC-CAM 880 (Video)" should appear.



Using Creative PC-CAM 880 as a Digital Camera



## Using Creative PC-CAM 880 as a Digital Camera

To use Creative PC-CAM 880 as a portable digital camera, simply disconnect it from the computer.

*To turn on your camera:* Press and hold down the Power button on the camera.

The LED lights up in green and the LCD monitor is activated.

Digital Camera Modes As a digital camera, Creative PC-CAM 880 has two modes: Camera mode and Playback mode.

Camera mode

The Camera mode setting is the default setting for your camera. Live images will be displayed on your LCD monitor. Press the mode button to switch to Playback mode. For more details, see "Camera Mode Features" on page 2-6.

Playback mode

The Playback mode setting allows you to view images and videos on the LCD monitor. For more details, see "Playback Mode Features" on page 2-10.



# Tips on Taking Good Pictures

There are a few tips to note when taking a good picture.

• Bright lighting

Avoid taking pictures with bright light sources all around the object. These lights will create "hotspots", which will affect the quality of the picture.

• Bad lighting

When indoors or outdoors, be sure there is enough light falling onto the object. Avoid taking pictures of objects in shadows, especially when the light source (for example, sun or spotlight) is directly behind the object.

Distance

This camera is focus free but be sure the minimum distance between camera and object is not less than 60 cm (approximately 24 inches). Any closer, the close-up images may appear blurry. Fill the viewfinder with the object.

Using Flash

When in a dimly lit environment, be sure that the distance between camera and object is less than 2.5 meters (8 feet) but greater than 1.5 meters

(5 feet). However, objects in the background that are more than 2.5 meters (8 feet) away from the camera may appear fuzzy. Objects that are less than 1.5 meters (5 feet) may appear overexposed.

Moving objects

Fast-moving objects may appear blurry in your picture.

Unless a blurry or out-of-focus effect snapshot is intended, avoid taking fast-moving objects.

Camera shake

Shaking the camera while taking pictures may also result in a blurry picture. So keep your hands steady at all times for sharp, clear pictures.

To avoid shaking the camera, gently squeeze the Snapshot button.

If necessary, use both hands to hold the camera while pressing the Snapshot button.



### Taking a Photo



For details on how to view the photos and videos you have taken with your camera in PC-CAM Center, see "Transferring files from your camera" on page 3-3.

- 1. Be sure that your camera is not connected to your computer, and that you have inserted new batteries into your camera.
- 2. Turn on your camera, which is in Camera mode by default.
- 3. Compose your picture and press the Snap button.
- 4. Press the Mode button to switch to Playback Mode and to view your picture on the LCD monitor.



Figure 2-1: Back view of Creative PC-CAM 880

# Taking a Photo with the Self-timer feature

This feature enables your camera to automatically take a picture 10 seconds after you press the Snap button. This allows you to include yourself in the picture.

- 1. Be sure that your camera is not connected to your computer, and that you have inserted new batteries into your camera.
- 2. Turn on your camera, which is in Camera mode by default.
- 3. Press the Left key on the Multi-selector button to activate the Self-timer feature. The Self-timer LED lights up.
- 4. Place your camera on a flat steady surface and compose your picture.
- 5. Press the Snap button.



# Recording a Video

- 1. Be sure that your camera is not connected to your computer, and that you have inserted new batteries into your camera.
- 2. Turn on your camera, which is in Camera mode by default.
- 3. Press the Enter key on your Multi-selector button.
  The Onscreen Display (OSD) menu appears on the LCD monitor.

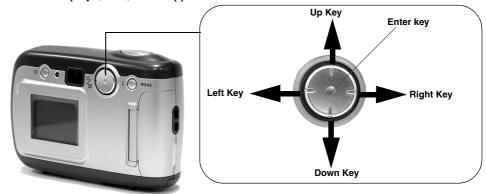


Figure 2-2: Multi-selector button.

- 4. Press the Enter key on your Multi-selector button. The Operation mode setting icons are displayed.
- 5. Press the Down key on your Multi-selector button once, and then press the Enter key to select the Video Clip icon.
  - The Video Clip operation mode is enabled.
- 6. Point your camera at your subject and press the Snap button to begin recording.
- 7. Release the Snap button to stop recording.
  - Note: The Snap button is disabled when your camera's memory is full.
- 8. Press the Mode button to switch to Playback Mode. The LCD monitor displays the video you have taken.

**Note:** Use the Down key on your Multi-selector button and locate videos and photos on the LCD monitor.



9. Press the Snap button to play back your video.

## Viewing Your Photos and Videos on TV



- When your camera is connected to a TV set, the TV displays what you would normally see on your camera's LCD monitor.
- Your camera works in both Camera mode and Playback mode when connected to a TV.

By connecting your camera to a TV set, you can view on TV your camera's photos and videos .

- 1. Be sure that your camera is not connected to your computer, and that you have inserted new batteries into your camera.
- 2. Turn on your camera, which is in Camera mode by default. Press the Mode button to switch to Playback mode.
- Connect the black connector of the supplied video cable to your camera, and the yellow connector to the Video jack on your TV set.
   Your camera's LCD monitor is disabled.
- 4. Turn on your TV set and change the TV channel to the corresponding AV channel. Your TV displays what you would normally see on your camera's LCD monitor.
  Note: Be sure that the video format settings for your camera and TV are compatible. To verify your TV's video formats, check your TV's documentation. See "Camera mode Onscreen Display Menu Icons" on page 2-7 for instructions on changing your camera's video format settings.
- 5. Play back photos or videos as you would on the camera. For details, see "Playback Mode Features" on page 2-10.



# Camera Mode Features

Using the Multiselector button in Camera mode The Camera mode setting is the default mode for your camera. In this mode, you can view live images, and take pictures and videos from the LCD monitor. To switch to Playback mode, press the Mode button (see Figure 2-1).

In Camera mode, you can use the Multi-selector button to zoom in and out of pictures, set a timer and view LCD monitor information:

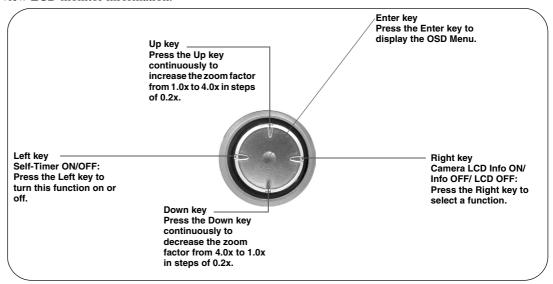


Figure 2-3: Functions of the Multi-selector button in Camera mode



## Camera mode Onscreen Display Menu Icons

In Camera mode, you can choose from various settings when taking pictures or videos. The tables that follow describe the options available.



Press the Enter key on your Multi-selector button to display the OSD Menu.

Setting Options	Icon	Description	
Photo: Press the Snap button to take ONE photo at a time.		Photo: Press the Snap button to take ONE photo at a time.	
Operation Mode  Video: Press the Snap		Video: Press the Snap button to record videos. Release the button to stop recording.	
	6	MultiSnap: Press the Snap button to take FIVE consecutive photos at a time.	



Setting Options	Icon	Description			
	HIŽ	High Resolution	Under Mode: 2048 x 1536 pixels	Under Mode: 600 x 480 pixels	Under Mode: 1600 x 1200 pixels
Resolution	5110 ★	Standard Resolution	Under Mode: 1600 x 1200 pixels	Under Mode: 600 x 480 pixels	Under Mode: 1600 x 1200 pixels
	LO <b>*</b>	Low Resolution	Under Mode: 800 x 600 pixels	Under Mode: 320 x 240 pixels	Under Mode: 800 x 600 pixels
Flash	€	Flash Off: The flash is disabled.			
Setting	4\$	Auto Flash: The flash functions automatically according to lighting conditions.			
		High Brightness level			
LCD Brightness	<b>`</b>	Low Brightness level			
	Ÿ	Normal Brightness Leve			



Setting Options	Description				
	Exposure Value: Move the arrow ( ) up and down to increase or decrease the exposure compensation value				
	White Balance	Automatic: Automatic Adjustment.			
		Daylight: Outdoor photography in bright daylight.			
		Flourescent: Photography in standard flourescent light.			
		Tungsten: Photography in tungsten (warm) light.			
	Sharpness	Hard: Image processed with increased sharpness, making edges more distinct.			
Advanced Setting		Normal: Level sharpening of all images, applicable to most situations.			
J=		Soft: Image sharpness reduced below normal level.			
	Quick Review	ON: Enable this feature to preview an image after a photo is taken. A confirmation dialog box appears beneath the preview. Select <b>Continue</b> to save the picture or <b>Delete</b> to erase the picture.			
		OFF: Disables Quick Review			
	Video Format	NTSC: Sets the video output to be compatible with the NTSC TV system.			
		PAL: Sets the video output to be compatible with the PAL TV system.			
	Sound	ON: Enables the beep tone.			
		OFF: Disables the beep tone.			



# Playback Mode Features

Using the Multiselector button in Playback mode In Playback mode, you can view photos and play back videos you have taken. To enable Playback mode, press the Mode button (see Figure 2-1) till you see the images you have taken displayed on the LCD monitor.

In Playback mode, you can use the Multi-selector button to locate pictures and videos, select the Thumbnail Display feature, and turn on or off LCD monitor information:

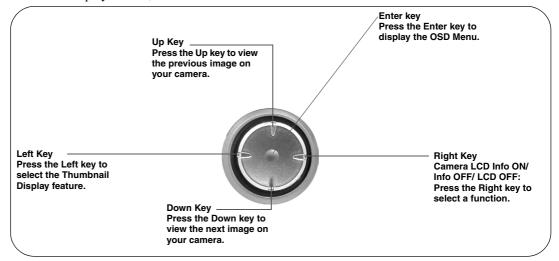


Figure 2-4: Functions of the Multi-selector button in Playback Mode



## Playback Mode Onscreen Display Menu Icon guide

In Playback mode, you can choose from various settings when viewing pictures or videos. The tables that follow describe the options available.



Press the Enter key on your Multi-selector button to display the OSD Menu.

Setting Options	Icon	Description
Thumbnail		Displays ONE image.
	88	Displays NINE images.
Delete	ń	Deletes all or the currently selected images.
Playback Zoom	⊕ <mark>¹*</mark>	View the selected image in an enlarged size. To exit the full screen view, press the <b>Enter key</b> 1.0X Image Magnification: Displays the viewed image at original size.
	⊕ <b>x</b>	View the selected image in an enlarged size. To exit the full screen view, press the <b>Enter key</b> 2.0X Image Magnification: Enlarges the viewed image to two times the original size.



Setting Options	Icon	Description
DPOF Print	Print Image	Sets a print order for selected still images on the SD/MMC memory card.
	Cancel Print	Cancels the print order for the selected still images on the SD/MMC memory card.
This icon appears	Print All	Sets a print order for all still images on the SD/MMC memory card.
when a DPOF (Demand Print Order Format) is created for a selected image	Cancel All	Cancels the print order for all still images on the SD/MMC memory card.
	i i	High Brightness level
LCD Brightness	Ÿ	Low Brightness level
	: <u>`</u>	Normal Brightness Level



Using Creative PC-CAM 880 as a Web Camera



### Using Creative PC-CAM 880 as a Web Camera

This chapter tells you how to quickly set up Creative PC-CAM 880 as a Web Camera using PC-CAM Center software. For detailed information about the application's features and settings, refer to its Help file. (See "Starting PC-CAM Center Help" on page 3-4.)

## Connect Your Camera

## Starting PC-CAM Center



- If PC-CAM Center does not recognize the camera correctly, see Appendix B, Troubleshooting.
- PC-CAM Center automatically detects your installed model of Creative PC-Cam, and disables any unsupported features in the user interface.

Plug your camera into the USB port and let Windows auto-detect it. Be sure to switch your camera to Camera mode by pressing the Mode button (see Figure 1-2) on your camera. Your Camera's LED indicator (see Figure 1-2) turns green.

PC-CAM Center is an easy to use application that enables you to record, view and mange photos and videos with Creative PC-CAM 880. You can also view photos and videos, and create and manage albums.

You can start PC-CAM Center in any of the following ways:

- ☐ Click Start -> Programs -> Creative > Creative PC-Cam -> Creative
  PC-CAM Center.
- □ Double-click the Creative Cam

  Detector icon in your taskbar.

  This icon appears if, during installation, you clicked the option for Creative Cam

  Detector to launch automatically at

  Windows startup.



Figure 3-1: **PC-CAM Center** screen.



## Capturing Images and Video

### Taking a Photo



The **Save automatically** check box is selected, by default.

With PC-CAM Center, you can take photos and record videos.

For more instructions on how to take a photo or record a video, refer to the PC-CAM Center Help file. To launch PC-CAM Center Help, See "Starting PC-CAM Center Help" on page 3-4.

#### To take a photo:

- 1. In the **PC-CAM Center** window, click the **Live Video** button. The current camera view is displayed in the **Viewing** window.
- 2. In the **Save Photo in** box, select the destination album for your photo.
- 3. To capture the image shown in the viewing window, click the **Snap Photo** button at the bottom of the window. By default, the photo is saved automatically and added to the destination album.

#### To preview a photo:

- 1. Click the **Save Automatically** check box to clear it, if you want to preview each photo before deciding whether to save it to the destination album.
- Click the Snap Photo button to take a photo. A preview of the photo is shown at the bottom-left corner of the Live Video window.
- 3. Click the **Save** button if you wish to store it in the destination album.

### Recording a Video

#### To record a video:

- 1. In the **PC-CAM Center** window, click the **Live Video** button. The current camera view is displayed in the **Viewing** window.
- 2. In the **Video Size** box, select a suitable resolution.
- 3. In the **Save Video in** box, select a destination album for your video.
- 4. To start recording a video, click the **Record video** button.

  The button starts blinking to indicate that recording is now in progress.
- To stop the recording, click the button again.
   The button stops blinking. By default, the video is saved automatically and added to the destination album.



#### To preview a video:

- 1. Click the **Save Automatically** check box to clear it, if you want to preview each video before deciding whether to save it to the destination album.
- 2. Click the **Record video** button to start recording.
- After you stop recording, click the Play button on the bottom left-hand corner of the Live Video window to preview the video.
- 4. If you wish to store it in the destination album, click the Save button after previewing the video

### Viewing a Photo

- 1. Click the **My Album** button. PC-CAM Center is now in **My Album** mode.
- 2. In the **My Album** box, click the **My Photo** folder and then click the album that contains the photos that you want to view.

Thumbnails of photos in the album are displayed in the **Thumbnails** window.

3. Double-click the thumbnail of the photo displayed in the **Thumbnails** window. The photo, in its actual size, is displayed in the PC-CAM Center **Viewing** window. If you are not satisfied with the result, you can select a higher resolution, and then capture the image again.

### Viewing a Video

- 1. Click the **My Album** button. PC-CAM Center is now in **My Album** mode.
- 2. In the **My Album** box, click the **My Video** folder and then click the album that contains the video that you want to view.

Thumbnails of videos in the album are displayed in the **Thumbnails** window.

- 3. Double-click the thumbnail of the video you want to view. The video plays in the **Viewing** window.
  - If you are not satisfied with the result, you can select a higher resolution, and then capture the video again.

# Transferring files from your camera

You may have taken photos and videos while your camera was detached from your computer.

To transfer these files to PC-CAM Center, follow these steps:

1. Connect your camera to your computer and start PC-CAM Center.



- Press the Mode button on your camera to switch to Mass Storage Device mode.
   Your camera's LED indicator turns red.
- 3. In PC-CAM Center, click the **Digital Camera** button. PC-CAM Center is now in **Digital Camera** mode. Temporary copies of your camera's file are created automatically, and displayed as thumbnails in the thumbnails window.
- 4. Click the box above the thumbnails window, and select the type of media files you want to download. The thumbnails window shows the relevant media files.
- 5. Click the **Transfer to** button. The **Transfer** dialog box appears.
- 6. Click the **Photo**, **Video** or **Voice** tab. The tab page for the chosen media appears.
- 7. Click the album you want to transfer the files to.
- Click the **OK** button.

## Reactivating your camera

If your computer goes into standby mode, your camera will go into suspend mode. You can reactivate your camera and computer by moving the mouse or press any key on the keyboard.

## Starting PC-CAM Center Help

This Help file contains instructions on how to use PC-CAM Center to take pictures and record short videos. It also teaches you how to change settings so as to achieve optimum quality for your pictures and videos.

To start the Help file:

- 1. Click the PC-CAM Center logo at the top left corner of PC-CAM Center's main window.
- 2. On the **PC-CAM Center** menu, click **Help**.



4

**Creative PC-CAM 880 Applications** 



### Creative PC-CAM 880 Applications



Applications included on your Installation CD may vary depending on camera model and region of purchase. The Creative PC-CAM 880 installation CD includes the following:

- ☐ PC-Cam Center
- ☐ Creative WebCam Monitor
- ☐ Microsoft Internet Explorer
- ☐ ArcSoft Photo-Impression
- ☐ ArcSoft Video-Impression
- ☐ ArcSoft Email
- ☐ ArcSoft Funhouse
- ☐ ArcSoft Greeting Card Creator

### PC-Cam Center

This powerful application lets you take pictures or record videos and store them in albums. You can also export pictures or videos to other programs, or send them as attachments in your e-mail message. There are various settings for you to adjust, allowing you to optimize the quality of your pictures and videos. For details, see "Starting PC-CAM Center" on page 3-1.

Creative WebCam Monitor Want to put a live snapshot of your office, coffee pot, or even your fishtank on your web page? Creative WebCam Monitor is the application to look at. Just point your camera at your subject and pick a time interval. WebCam Monitor does the rest, including uploading the snapshots to the Internet. WebCam Monitor also acts as a motion-detecting security system which automatically e-mails you when somebody comes near your PC while you are not present.

Microsoft Internet Explorer Microsoft Internet Explorer is an Internet browser that features ActiveX technology, so web pages can combine interactive ActiveX Controls, Java applets, and more, to create interactive content. ActiveMovie technology allows you to view multimedia content on the web, including MPEG audio and video.

### Microsoft NetMeeting

Microsoft NetMeeting is a voice communications client that includes support for international conferencing standards. It also provides true multi-user application sharing and data conferencing capabilities.



With its one-way or two-way video-conferencing features, your friends can see you even if they do not have a camera. Audio-only conversations and text chats are also supported. Two or more users can collaborate on a document, doodle on a whiteboard, or even share any Windows application in real-time over the Internet or on a corporate intranet.

### ArcSoft Photo-Impression

ArcSoft PhotoImpression offers a comprehensive range of photo-editing tools for cropping, retouching, and adding special effects. These fun and easy-to-use editing tools let you create dynamic images you'll be proud to share with family and friends.

### ArcSoft Video-Impression

ArcSoft VideoImpression is an easy-to-use application that allows you to create home movies and presentations using your personal collection of photos, videos and audio tracks. Make unforgettable home movies to share with friends and family!

### ArcSoft Email

ArcSoft Multimedia Email is a unique program that enables you to create and send digital postcards featuring your own photos, audio messages, text, music and digital videos. ArcSoft Multimedia Email is so easy to use that beginners can produce personalized multimedia postcards in minutes! Use personal photos, videos, and audio files, together with the more than 100 unique postcard templates, to create truly one-of-a-kind multimedia postcards.

## ArcSoft Funhouse

ArcSoft Funhouse allows you to seamlessly combine two or more photos to create funny or realistic scenes. Make yourself a star quarterback or a rock star. Put friends and family members on \$100 bills, or swap all of their heads and bodies. Funhouse walks you through adding your personal photos into built-in or custom templates to print, email, and share these digital imaging creations. Add captions, titles and quotes — full text editing allow you include colorful taglines and descriptions.

## ArcSoft Greeting Card Creator

ArcSoft Greeting Card Creator is the perfect application for people who would like to create and share personalized cards for birthdays, anniversaries or any special occasion. Choose from the many creative card designs and clip art templates to get you started. Your cards can be emailed directly to recipients or printed and folded in a variety of ways and mailed to friends and family anywhere!



A

**Technical Specifications** 



## **Technical Specifications**

Dimensions	□ 100 mm (W) x 68 mm (H) x 36 mm (D)
Power	☐ Use 2 AA size alkaline batteries or from a USB port
Sensor	☐ CMOS image sensor with 2.0 Mega-pixels
LCD Display	☐ Color LCD
Resolution - Video Mode	☐ Up to 10 fps with VGA resolution (640 x 480 pixels)
Resolution - Still mode	<ul> <li>☐ HI (2048 x 1536 pixels)</li> <li>☐ STD (1600 x 1200 pixels)</li> <li>☐ LO (800 x 600 pixels)</li> </ul>
USB Video frame rate	<ul> <li>□ Up to 30 fps with QSIF (or QQVGA) resolution (160 x 120 pixels)</li> <li>□ Up to 22 fps with QVGA (or SIF) resolution (320 x 240 pixels)</li> <li>□ Up to 10 fps with VGA resolution (640 x 480 pixels)</li> </ul>
Picture Resolution - PC-Cam Center	<ul> <li>□ 1024 x 768 pixels (available only when video size is 640 x 480 pixels)</li> <li>□ 800 x 600 pixels (available only when video size is 640 x 480 pixels)</li> <li>□ 640 x 480 pixels (available only when video size is 640 x 480 pixels)</li> <li>□ 320 x 240 pixels (available only when video size is 320 x 240 pixels)</li> <li>□ 160 x 120 pixels (available only when video size is 160 x 120 pixels)</li> </ul>
Focus range	□ Normal (60 cm to inifinity)



	☐ Macro (center 35 cm)
Focal length	□ 8.64 mm
Aperture	□ F/2.8
Self-timer	☐ 10-second delay
Video formats	□ RGB24 □ MJPEG
File formats	☐ JPEG (DPOF compliant) ☐ AVI
Exposure control	☐ Automatic
Colour balance	☐ Automatic
Port compatibility	<ul><li>☐ Universal Serial Bus port</li><li>☐ TV Out (NTSC/PAL selectable)</li></ul>
Storage Media	<ul><li>□ Built-in 16 MB Flash Memory</li><li>□ SD/MMC Memory Card Interface</li></ul>
Software compatibility	☐ TWAIN, Video for Windows, WDM Mini Driver for DirectShow, Windows Image Acquisition (WIA) driver and STI (Still Image) driver that runs in Windows 98, Windows 98 SE, Windows 2000, Windows Me and Windows XP



Troubleshooting



### Troubleshooting

If you have a technical problem with this product, you may wish to consult our self-help tool "Knowledgebase" for on-line troubleshooting and solutions. Go to **www.creative.com** and select your region.

## Problem Installing Software

The setup program for Creative PC-CAM 880 does not run automatically after you insert the installation CD into the drive.

The AutoPlay feature in your Windows system may not be enabled.

*To install the software from the CD:* 

- 1. Leave the installation CD in the CD-ROM drive.
- 2. Click Start -> Run.

Do one of the following:

- In the Run dialog box, type d:\ctrun\ctrun.exe (replace d:\ with the drive letter of your CD-ROM drive).
- 4. Follow the instructions on the screen to complete the installation.

### Problems Using Creative PC-CAM 880

There is no USB port available to connect the USB cable.

Unplug the device currently connected.
Add a USB hub with external power supply
Add a PCLUSB card

An application reports that the video driver is already in use, or that the camera cannot be found.

Do the following:

The camera is not properly connected. To resolve this problem, ensure that the camera's USB
connector is inserted, and that the USB connector is enabled in the BIOS. Refer to your computer's
documentation for information on the BIOS.

☐ Reinstall the video capture drivers and restart your computer.



# The camera's Power LED does not light up, or in Windows 98/98 SE, Me and 2000, the computer restarts for no apparent reason.

You may have USB devices drawing too much power from your computer. This can happen especially when connecting USB devices to a passive or bus-powered USB hub. In Windows XP, a dialog box similar to Figure B-1 appears.

### Do the following:

- ☐ Connect the camera directly to your computer's USB port.
- ☐ Use a USB hub with an external power supply.

### The image is too bright.

The amount of light entering the camera has exceeded the exposure control limit.

There may be a very bright object in the camera's view.

Avoid pointing the camera at very bright objects (for example, sunlight, lights, or highly reflective surfaces).

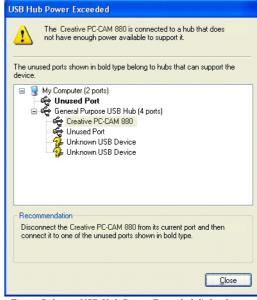


Figure B-1: USB Hub Power Exceeded dialog box

### Insufficient system resources reserved for the USB port, causing the system to be unable to function.

There are too many devices in the system, causing IRQ problems with the system's USB controller.

#### Do the following:

- 1. Remove some devices from the system.
- Restart the system.
   The system will rearrange the resources automatically.



## Problems in Windows XP

## A Hardware Installation error message appears on a Windows XP operating system when applications are being installed.

At the time of this product's release, Microsoft strongly encouraged companies to submit their hardware solutions for certification. If a hardware device driver is not submitted, or does not qualify, for Microsoft certification, a warning message similar to the one below appears.



You may see this message when installing a driver. If you do, you may choose to click the **Continue Anyway** button. Creative has tested the driver on Windows XP, and it does not impair or destablize your computer.



C

**Note on USB Compatibility** 



### Note on USB Compatibility



To look for a USB compatible product, you can visit the product search page at the official USB Web site: http://www.usb.org/app/search/products.

While testing Creative PC-CAM 880 on PC motherboards with integrated Universal Serial Bus (USB) ports, we encountered a small number of motherboards that do not meet the USB specification exactly. These and other non-USB-compliant motherboards may not operate correctly with Creative PC-CAM 880. Fortunately, the manufacturers of some of these motherboards have released new versions of motherboards or BIOS to address the problem.

If the setup program warns you that your motherboard's USB port is incompatible with Creative PC-CAM 880, or if the camera does not work on your system and you suspect that the problem may be related to your PC's USB port, the following is a list of available options:

- Contact your PC vendor.
   Your PC vendor may be able to upgrade your motherboard or its BIOS to a newer version that addresses USB incompatibilities.
- Use a PCI host adapter that provides USB connectors.
   If you are not able to upgrade your motherboard or its BIOS, we recommend this approach.
- 3. Attach the Creative PC-CAM 880 to a USB hub with an external power supply.

  Some USB devices (such as monitors) also operate as USB hubs; you can also buy USB hubs which are to be attached to your computer's USB port. However, in some cases, attaching a USB hub to a non-USB-compliant USB motherboard connector will not solve the problem.